





We believe that inspiring architecture is the result of thoughtful design, premium products, and quality workmanship. That's why we create easy to love architectural solutions using the highest-quality materials.

Designed for time saving install, our AAMA 2604/2605 powder coated systems give you peace of mind when facing exterior elements including corrosion and UV rays. We make everything in-house, starting from aluminum extrusion and ending with finishing touches, packaging, and shipping to site.

We invite you to experience the Longboard® difference as together we will Change the Face of Architecture™.

















Why choose Longboard



Fire Safety

The Longboard systems are inherently fire safe because they are manufactured from 100% non-combustible materials.



Maintenance

Easy to maintain and cost effective field repairs. Dirt and debris can be easily rinsed and washed off with a mild detergent depending on frequency of build-up.



Durability

Extruded aluminum have a high impact strength. Longboard offers only the highest-grade architectural powder coating finishes complying with AAMA 2604 and AAMA 2605.



Drained and Back Ventilated (DBV) rain screen with mechanical seals, thus there is no need for caulking.





Rain-Screen



Sustainability

All Longboard products have life cycle information and EPDs available showing environmental, economical, and social responsible life cycle impacts.



Ease of Installation

Regular cladding installers can quickly learn Longboard™ installation techniques. The systems are straight - forward in their application and cutting can be done on site.



We Own the Production Process

We don't outsource any of our manufacturing, extrusion, powder coating or finishing.



Our Products are Ready to Ship

We produce most orders within 3-6 business days and have secured raw materials to meet large orders.





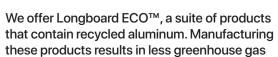




Longboard has compiled and documented a complete list of applicable LEED v4.1 credits for both its interior as well as exterior systems and can be used as guidance to apply for LEED credits on building projects.



industry average embodied carbon.

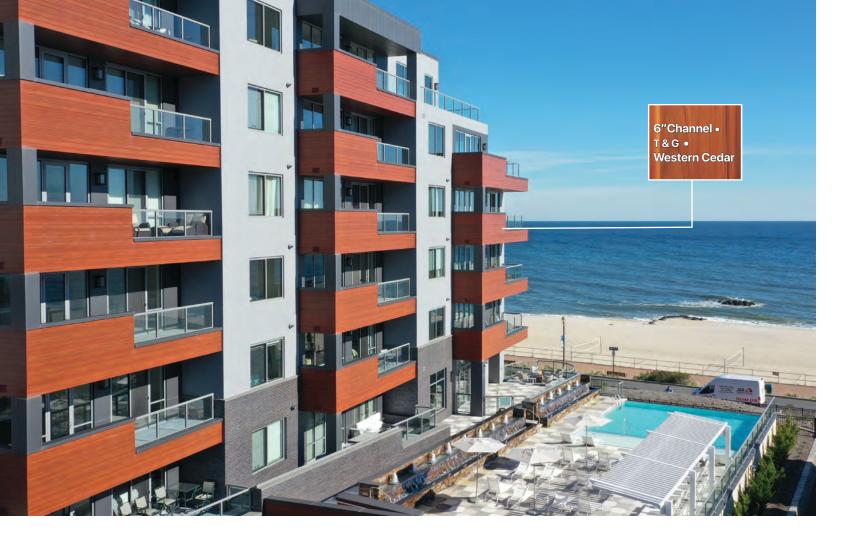


emissions and generates less than 50% of the





Why choose Longboard





Plank Profiles

V-Groove: 2-1/2", 4", 6" Smooth: 6" Channel: 6" Standard Lengths: 24' 96 SQ FT/box

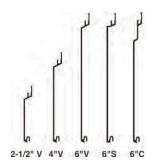
Component Trims Standard Lengths: 12'

Attachment

Planks: Quick-screen clips w. #8 screws* @ 32" o.c. (standard). Quick-screen clips included: 135 pcs/4" box, 90 pcs/6" box. Trims: hard fasten w. #8 screws* @ 16" o.c. *Screws not included.

Lead Tiime

3-6 business days + shipping (subject to change) see website for details



Finishes

Woodgrains, solid color, naturally aged metal, custom solid colour matching (additional lead times apply)

BIM & CAD

RVT & DWG files available,

Rain Screen Cladding

Wall assemblies with drained and back-ventilated (DBV) rain screen cladding are becoming an increasingly popular choice across North America for architects, building science professionals, and building owners to construct sustainable high performance building enclosures.

These type of wall assemblies not only effectively deal with water and moisture, but also avoid radiant heat gain, accommodate continuous exterior insulation for improved thermal performance and improve IEQ (Indoor Environmental Quality).

Tongue & Groove

Applications: Cladding, Soffit & Panelboard

These 100% extruded architectural aluminum systems are available in visually striking woodgrains, solid colors, specialty finishes. Easy to install, non-combustible, and weather resistant, these systems are available in different plank dimensions with optional perforation solutions for vented applications.

Install is a easy using the supplied quick screen clips, and the system offers the versatility of horizontal or vertical application. May be installed on overhangs and onto furring strips or other framing systems where required.

Delivered in 12 or 24-foot lengths for easy install in the field or a pre-fabrication facility.

Dark Cherry • T & G • 6" V Groove

Chilli Pepper • Panelboard • 6" Smootl Black • Panelboard • 6" Smooth Table Walnut • T & G • 6" V-Groove

National Walnut • T & G • 6" V Groove



Technical Specifications

Physical Data

6063-T5 Extruded Aluminum 100% Recyclable Warranty: Finish:15 year (standard)/ 20 year* (ultra) Aluminum: 50 year Weight (lbs/sqft): ~1.5 (*10 week lead time)

Testing

ICC-ES Evaluation Report - Division: 07 00 00 Thermal and Moisture Protection Section: 07 46 00 - Siding AAMA 509 Rainscreen: W1, V2

LARR - Los Angeles Department of Building Safety (LADBS) accepts ICC-ES reports as proof of compliance

Florida Product Code: FL20075 (Siding) and FL41776 (Soffitt) Impact testing: TAS 201

WUI (The Wildland-Urban Interface) - California Department of Forestry & Fire Protection Office of the State Fire Marshal Listing No. 8140-2286:0500



Fire Rating: Class A Non-Combustible by ASTM E136 & ASTM E84 A2-s1,d0 by EN 13501-1

Wind load:Up to 121 psf (5794 Pa) TAS 202, TAS 203

Tongue & Groove Planks

V-Groove Planks

V-Groove Planks

Size	12′ *	24′ ‡
2½"	3V.145	-
4"	4V.145	4V.289
6"	6V.145	6V.289



Smooth Planks

Size	12′ *	24′ ‡
6"	6PSP.145	6PSP.289



Channel Planks

Size	12′ *	24′ ‡	
6"	6CH.145	6CH.289	



Perforated Planks

Size	12′ *	24′ ‡
6" V-Groove Plank	6VP.145	6VP.289
6" Smooth Plank	6PSPP.145	6PSPP.289

Component Trims

Starter



Precision Starter J-Track

Dimensions: (5/8") - 12' **SKU:** 1SJT.145



Traditional Starter Strip

Dimensions: (1-7/8") - 12' **SKU: 1SJT.145**



Traditional Back-to-Back Starter Strip Dimensions: (1-7/8") - 12' **SKU**: 1SJT.145

Compression Joint



Traditional Compression Joint

Dimensions: (1-3/8") - 24' SKU: 2CJ.289

J-Track



Precision Two-Piece J-Track

Dimensions: (5/8") - 12' SKU: 1X1JT.145



Precision J-Track

Dimensions: (5/8") - 12' **SKU**: 1JT.145



Craftsman Two Piece J-

Dimensions: (7/8") - 12' **SKU:** JT23S.145



Traditional Two Piece J-Track

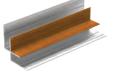
Dimensions: (1-3/8") - 12' **SKU**: 1X2JT.145

Corner



Precision Outside Corner

Dimensions: (3/16") - 12' SKU: 050C.145



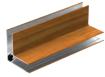
Craftsman Inside Corner

Dimensions: (3/4") - 12' **SKU: 1IC.145**



Craftsman Outside Corner

Dimensions: (1") - 12' **SKU**: 10C.145



Traditional Corner Set

Dimensions: (2") - 12' SKU: 2CORS.145

Reveal



Precision Flat Reveal

Dimensions: (1/2") - 12' **SKU:** 1FR.145



Traditional Flat Reveal Set

Craftsman Termination Set

Dimensions: (7/8") - 12'

SKU: 1TS235.145

Dimensions: (1-1/2") - 12' **SKU**: 2FRS.145

Termination



Precision T&G Flat Reveal

Dimensions: (1/2") - 24' **SKU: 1TGFR.289**



Traditional Termination Set

Dimensions: (1 3/8") - 12'

SKU: 2TS.145

Traditional T&G U-Reveal

Dimensions: (11/2") - 24' **SKU: 2TGURK.289**



Craftsman U-Reveal Set

Dimensions: (3/4") - 12' **SKU: 1URS.145**



Precision Termination Set

Dimensions: (5/8") - 12'

SKU: 1TS.145

Traditional Offset Flat Reveal Set, J-Track Base

Dimensions: (2") - 12'



Craftsman T&G U-Reveal

Dimensions: (3/4) - 24' SKU: 1TGURK.289



Traditional Offset Flat Reveal Set, Termination

Base



Traditional U-Reveal Set

Dimensions: (1-1/2") - 12' SKU: 2URS.145





Quick Screen Clips

Qty: 1750, Box / 100, Bag



Touch Up Pens

SKU: TUP SKU: CLIP.N1750 / CLIP.N100 Reach out to confirm color with an account manager

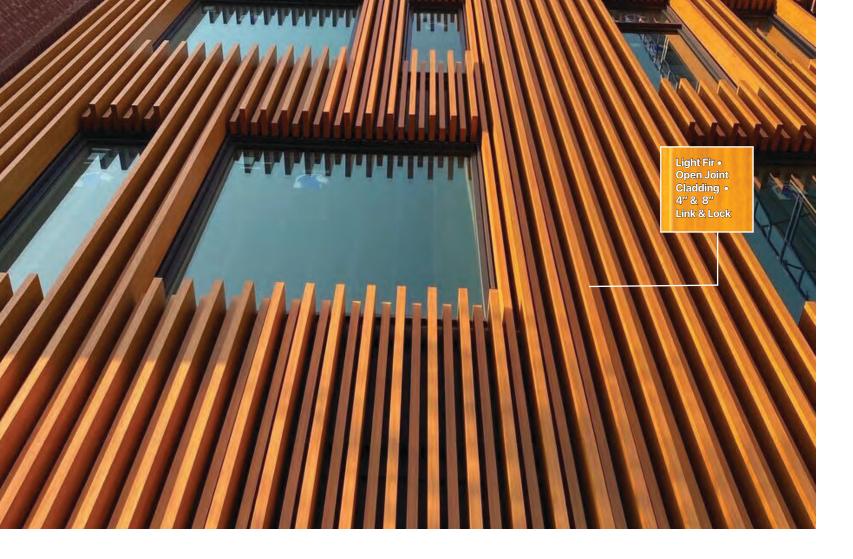








Tongue & Groove



Link & Lock ™

Applications: Cladding, Soffitt, Screens & Enclosures.

Link & Lock™ is the innovative hidden fastener solution! The system was designed for easy install and creative adaptability in a variety of exterior applications. The Link & Lock™ aluminum batten system compliments any architectural design being noncombustible and weather resistant and uses matching Longboard end caps where needed to create a finished look.

The system is available in various dimensions and all woodgrain, solid color, naturally aged metal, and specialty finish options. These 2-piece battens can be installed in a variety of different ways and orientations to achieve beam, fin or louvre designs.

Technical Specifications

Physical Data

6063-T5 Extruded Aluminum 100% recyclable Warranty: Finish:15 year (standard)/20 year* (ultra) Aluminum: 50 year Weight (lbs/lf): 0.7 (1X3); 1.1 (1X5) (*10 week lead time);

Testing

ICC-ES Evaluation Report - Division: 05 00 00 - METALS

• Section: 05 50 00 - Metal Fabrications

LARR - Los Angeles Department of Building Safety (LADBS) accepts ICC-ES reports as proof of compliance

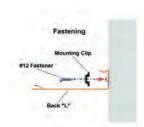
International Building Code (IBC). International Residential Code (IRC) California Building Code (CBC), California Residential Code (CRC) City of Los Angeles Building Code (LABC)

City of Los Angeles Residential Code (LARC)

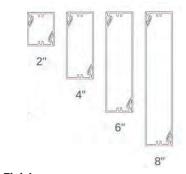
Florida Building Code – Building, Florida Building Code - Residential



Fire Rating: Class A Non-Combustible by ASTM E136 & ASTM E84 A2-s1,d0 by EN 13501-1







Profiles

1-5/8" x 2", 4", 6", 8" Standard lengths: 24 ft **Attachment**

Fasten w. #12 screws* @ 6' o.c. Using mounting clips. (*Not included) See install guide for details. **Finishes**

Woodgrains, solid color, naturally aged metal, custom solid colour matching (additional lead times apply)

Components

End Caps, Mounting Clips

Lead Tiime

3-6 business days + shipping (subject to change)

BIM & CAD

RVT & DWG files available, see website for details

Battens









Accessories





Qty: 48, Bag SKU: LLMC.N48



24 ft Link & Lock Internal Stiffener

Qty: 1 SKU: LLSTIFF.289



Dewalt® 1/2" Pilot Point Drill Bit

Qty: 1 SKU: DRILLBT.05



3M® Double Sided Adhesive Tape - 108' Qty: 1, roll SKU: LLTAPE.1296





9 Link & Lock ™





Applications: Cladding, Soffit, Screens & Enclosures

Longboard Privacy Beams can be used as stand-alone screening members and can be mechanically fastened to any building structure. Alternatively the beams can also be used within the Longboard Privacy Screen System which is available in a floating or an end-frame configuration to create screens and enclosures.

Privacy beams are available in 1×5 or 1×3 size at 24ft length with thickenings in the side wall to hold mechanical fasteners and come in a wide variety of wood grain, solid colour, and specialty finish options. They are designed to accept matching Longboard end

Technical Specifications

Physical Data

6063-T5 Extruded Aluminum 100% Recyclable Warranty: Finish:15 year (standard)/20 year* (ultra) Aluminum: 50 year Weight (lbs/lf): 0.7 (1X3); 1.1 (1X5) (*10 week lead time);

caps where needed to create a finished look.

When used as a floating system, single posts are designed to be installed behind the beams anchoring the system to the structure providing a continuous look. The end frame system is designed as a dual-sided application utilizing double posts as intermediate supports with single posts at corners and termination points.

Testing

ICC-ES Evaluation Report - Division: 05 00 00 - METALS

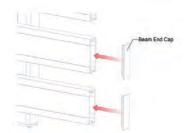
• Section: 05 50 00 - Metal Fabrications

LARR - Los Angeles Department of Building Safety (LADBS) accepts ICC-ES reports as proof of compliance Florida Building Code: Building

Florida Building Code: Residential



Fire Rating: Class A Non-Combustible by ASTM E136 & ASTM E84 A2-s1,d0 by EN 13501-1



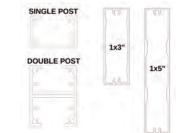
Profiles

1x3", 1x5" - Standard Lengths: 24'

Components

Single Post, Double Post -Standard 24'L Beam End Cap, Post End Cap - (20pcs) Spacer Bar (1", 12'), Spacer Block (100pcs)

Mounting Bracket - (100pcs)



Floating System attached with Mounting Brackets, End Frame System placed in posts and naturally aged metal, custom supported with Spacer Blocks Spacer Bar - comes in 12ft lengths -cut for variable heights

Spacer Block - 1-1/2" spacer

Lead Tiime

Attachment

3-6 business days + shipping (subject to change)

Product



Finishes

Woodgrains, solid color, solid colour matching (additional lead times apply)

BIM & CAD

RVT & DWG files available, see website for details

Privacy Beam









Size 1x3" 1x5" 2x2" 1x3"

1X3B.289 Privacy Beam Privacy Beam 1X5B.289 2X2SP.289 Privacy Post - Single 2X3DP.289 Privacy Post - Double

24'



3"Privacy Beam Mounting Bracket

Qty: 100, Box SKU: 3PSMB.1





Qty: 100, Box SKU: 1X2FB.3



1x3"&1x5"Spacer Block

Qty: 100, Box SKU: 2X2SB.N100



#10 Black Screws

Qty: 100, Box SKU: PECS.N100





1 x 3" & 1 x 5" Spacer Bar

SKU: 1X2FB.145



End Caps (20/box)

1BEC.3

1BEC.5

2X2PC.2

2X3PC.3

1 x 3" Spacer Bar

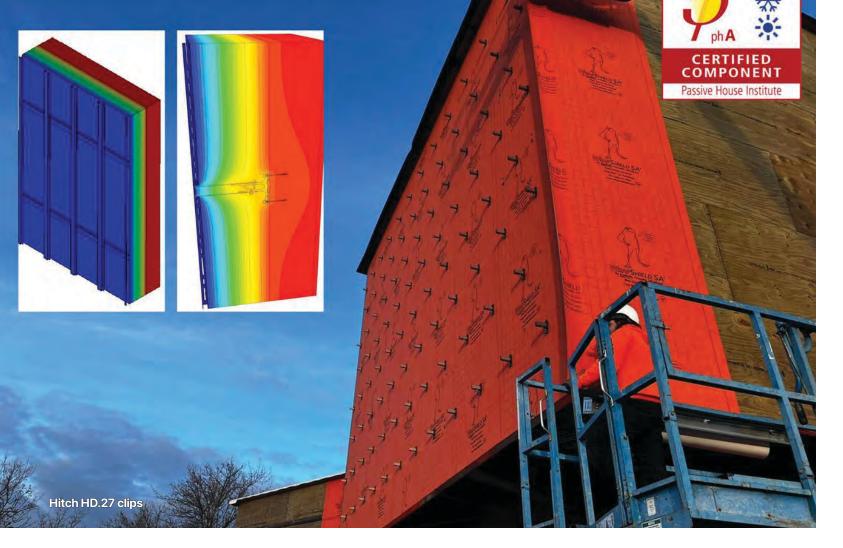
Qty: 100, Box **SKU: 1X2FB.1**





Privacy Beams





HITCH[™]

A revolutionary system for rear ventilated facades

Patent Pending - U.S. 17/463,442; U.S. 29/806,153; U.S.

Our Hitch™ cladding attachment system is a patented modular building product for rain screen and exterior wall assemblies offering a thermally broken and intermittent structural solution. Hitch™ is unparalleled when it comes to structural capacity, flexibility, and thermal performance.

Building codes and high-performance energy standards like Passive House and Net-Zero are evolving to meet multiple objectives, including reducing energy consumption and reducing greenhouse gas emissions.

Environmental

LEED - Evaluates a building's environmental performance





The most efficient methods of insulating a building's exterior walls are those that incorporate the principals of continuous exterior insulation with no or minimal thermal bridging to limit thermal loss. Hitch™ can achieve effective R-values exceeding R60 for various types of wall assemblies while supporting heavy cladding loads in high wind load and seismic conditions. The Hitch™ system can accommodate continuous exterior insulation thicknesses between 1" and 16" and is therefore suitable for use in all Passive House and ASHRAE climate zones across North America.

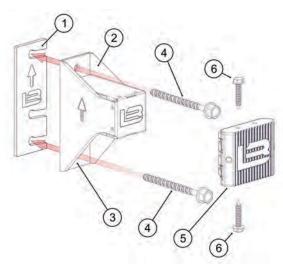
Energy Performance

PASSIVE HOUSE INSTITUTE - Certified Component



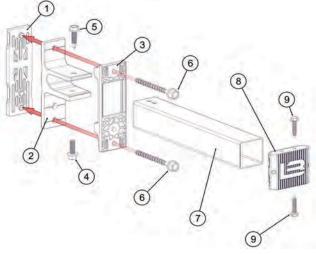


HITCH™SD



No.	Description	Material	Qty
1	SD Thermal Base Shim	PA6 33% Glass	1
2	SD Clip Base	304 Stainless Steel - 16ga wall	1
3	SD Washer Plate	304 Stainless Steel	1
4	#14 Fastener	By Others	2
5	Thermal Cap	Injection Molded PA6 33% Glass	1
6	#10 Sharp Point Hex Head Screw	410 Stainless Steel	2

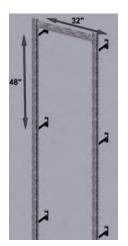




No.	Description	Material	Qty
1	HD Thermal Base	Injection Molded PA6 33% Glass	1
2	HD Clip Base	Extruded 6063 Aluminum Alloy	1
3	HD Thermal Base Cap	Injection Molded PA6 33% Glass	1
4	1/4" - 20 Hex Head Screw	Stainless Steel	1
5	1/4" - 20 Self Drilling Hex Head Screw	Stainless Steel	1
6	# 14 Fastener	By Others	2
7	HD Post Arm	304 Stainless Steel - 16ga wall	1
8	Thermal Cap	Injection Molded PA6 33% Glass	1
9	# 10 Sharp Point Hex Head Screw	410 Stainless Steel	2

Substructure Design Options

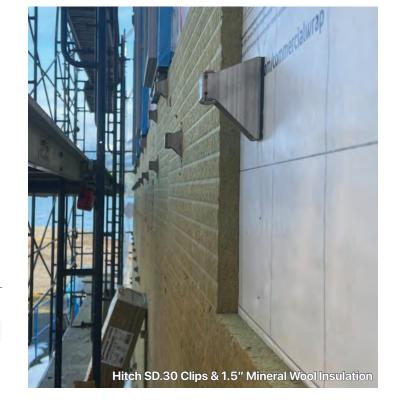
Single Layer Girts





Hitch™ Clip Spacing Consistent, to maintian Thermal Efficiency

Wind Load < 40 PSF using Long- board Planks	Wind Load > 40 PSF using Long- board Planks
Horizontal Cladding Install	Horizontal Cladding Install
Girts Installed Vertically	First Layer girts installed vertically and Second Layer Girts Installed Horizontally



Hitch ™ Cladding Attachment System

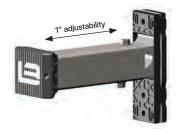
Clips

Please note, clip SKUs and order information are non-exhaustive and for illustrative purposes only.

Sample clip sizes are presented that would accommodate a certain exterior insulation thickness.

Always consult the Hitch calculator and Longboard technical representatives to verify clip order information.







Hitch SD

Insulation Thickness	SKU
1"	HITCH.SD.15
11/2"	HITCH.SD.20
2"	HITCH.SD.25
2 1/2"	HITCH.SD.30

Hitch HD

Insulation Thickness	SKU
3"	HITCH.HD.22
4"	HITCH.HD.32
6"	HITCH.HD.52
8"	HITCH.HD.72
10"	HITCH.HD.92
16"	HITCH.HD.152

Hitch HD+

Insulation Thickness	SKU
6"	HITCH.HDP.47
8"	HITCH.HDP.67
10"	HITCH.HDP.87
12"	HITCH.HDP.107
14"	HITCH.HDP.127
16"	HITCH.HDP.147

Installation Accessories

Product	Qty	SKU
Girt Adapter	1	HITCH.GRTADPTR
Girt Connector	1	HITCH.GRTCNCTR
Insulation Piercing Tool	1	HITCH.PRCNGTL
Insulation Plunger Tool	1	HITCH.PLNGRTL
Insulation Piercing Kit	1	HITCH.INSULKIT
SD Thermal Base Shims	48, bag	SDTHBSHM.N48





Girts

Depth	Type	72"	96"	120"	144"	192"
3/4"	Standard	-	HITCH.75STDGRT.96	HITCH.75STDGRT.120	HITCH.75STDGRT.144	HITCH.75STDGRT.192
3/4"	Edge	-	HITCH.75EDGGRT.96	HITCH.75EDGGRT.120	HITCH.75EDGGRT.144	HITCH.75EDGGRT.192
3/4"	Corner	HITCH.75CRNGRT.72	-	-	-	-
3/4"	Corner Edge	HITCH.75CRNEDGGRT.72	-	-	-	-
1"	Standard	-	HITCH.1STDGRT.96	HITCH.1STDGRT.120	HITCH.1STDGRT.144	HITCH.1STDGRT.192
1"	Edge	-	HITCH.1EDGGRT.96	HITCH.1EDGGRT.120	HITCH.1EDGGRT.144	HITCH.1EDGGRT.192
1"	Corner	HITCH.1CRNGRT.72	-	-	-	-
1"	Corner Edge	HITCH 1CRNEDGGRT 72				









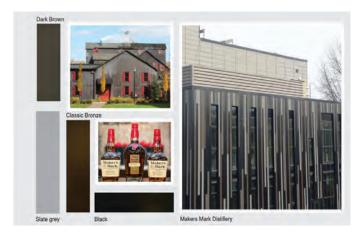
Standard Girt Edge Girt Corner Girt Corner Edge Girt

Design Assist

We create solutions to meet the needs of your inspiring designs

To truly change the face of architecture, we must not be hindered by limitations of off-the-shelf systems. That's why our product design teams have deep knowledge of buildings sciences and can customize our entire in-house manufacturing process to meet your need.

From custom aluminum extrusions, unique powder coating finishes, value added processing using our CNC metal fabrication capabilities, prefabrication, and modular design solutions, Longboard® is your design assist partner of choice.





Prefabrication & Modular

We are bent towards action, pursuing innovation, hold core values around continuous improvement and sustainable construction, all of these make prefab and modular construction a natural fit for Longboard. We believe that prefab and modular construction will play an increasingly important role in the future of sustainable construction. Longboard has experience in this field and is actively involved in projects and thought leadership programs to advance prefabrication practices across North America.



Maximizing prefabrication opportunities requires early collaboration and teamwork. Some forms of contracts such as IPD (Integrated Project Delivery) are examples of contractual relationships that can help achieve success on large complex construction projects. We are well versed in the concepts of DFMA (Design for Manufacture and Assembly) and how important it is to keep the manufacturing processes and assembly aspects in mind during the design phases.



Design Assist, Prefabrication & Modular



Colors & Finishes

Longboard has been applying high performance powder coating and sublimation finishes to extruded aluminum products for nearly 20 years.

Powder coating is a solvent-free (volatile organic compounds or VOC's) dry powder and as a class of coating

Warranties & Certifications

All of our standard manufactured products are covered with our 15 year warranty. This warranty option protects material from checking, cracking, chalking resistance, color retention, gloss retention and adhesion for the first 15 years.

Custom Woodgrains

- · Minimum order of 15,000 square feet of material
- \$500 non-refundable setup fee before the matching process begins
- At least two physical samples sent to us. Please speak with our client care team before sending samples
- 2-4 week lead time to have the color matched and receive sample chips
- A sign-off is required on the match to proceed with the order.
- Additional lead times to have a custom powder ordered and in our facility are approximately 8 to 12 weeks

generally is considered an environmentally friendly and high-performance finish, particularly in respect to its outstanding toughness and durability. Producing quality painted material is largely dependent on the process used for cleaning the metals, and the chemicals used historically have been chrome or phosphate based.

Products purchased with our 20 year warranty are manufactured differently using a premium powder coating to guarantee longer lasting quality. This warranty option protects material from checking, cracking, chalking resistance, color retention, gloss retention and adhesion for the first 20 years.

Custom Solid Colors

- Minimum order of 1,000 square feet of material
- \$500 non-refundable setup fee before the matching process begins
- At least two physical samples sent to us. Please speak with our client care team before sending samples
- 2 week lead time to have the color matched and
- receive sample chips
- A sign-off is required on the match to proceed with the order.
- Additional lead times to have a custom powder ordered and in our facility are approximately 8 to 12 weeks

Woodgrains





Solid Colors



Speciality



Speciality



17 Colors & Finishes





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